

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-101. (canceled).

102. (New) System comprising:

a fuel depot to which a fuel consuming vehicle may be positioned to replenish its fuel store, said vehicle having a plurality of tires;

sensor means for sensing the operational characteristics of the tires of said vehicle;

communications means for transmitting the sensed operational characteristics of the tires to said fuel depots;

display means viewable by a person located at said fuel depot for displaying the operational characteristics of the tires transmitted by said communications means.

103. (New) System of claim 102, further comprising:

an air supply means provided at said fuel depot;

wherein said display means or an other display means is provided at said air supply means to enable a person to view the operational characteristics of the tires mounted to said vehicle at said fuel depot.

104. (New) System of claim 102, further comprising:

transceiver means at said fuel depot for receiving data from vehicles located at said fuel depot;

wherein said transceiver means receives from vehicles equipped with tire sensor means the operational characteristics of the tires of those vehicles.

105. (New) System of claim 102, wherein said vehicle has mounted thereto an other display means to enable a person to view the operational characteristics or information relating to the operational characteristics of the tires of said vehicle.

106. (New) System of claim 102, wherein said communications means is mounted to said vehicle, said communications means receiving data relating to the operational characteristics of the tires of said vehicle from at least one of the tires, said communications means further transmitting the received data to either or both a mobile communications device and said display means at said fuel depot.

107. (New) A vehicle comprising:
a plurality of tires;
means for monitoring the operational characteristics of said tires;
communications means for transmitting the monitored operational characteristics of said tires to a transceiver means at a vehicle depot;
wherein when said vehicle is determined to be at or sufficiently close to said vehicle depot, said communications means begins to communicate with said transceiver means so that the monitored tire characteristics of said tires are transmitted to said transceiver means, said transceiver means routing information relating to the operational characteristics of said tires to a display means at said vehicle depot.

108. (New) Vehicle of claim 107, further comprising:
an other display means at said vehicle whereto the information relating to the operational characteristics of said tires could be transmitted for display.

109. (New) In a fuel station, apparatus comprising:
at least one display;
transceiver means communicatively connected to said display;
means for initiating said display when a vehicle equipped with means for determining the characteristics of the tires on said vehicle establishes a communication path with said transceiver means or when fuel is being pumped from a fuel pump to said vehicle, said transceiver means receiving data representative of the operational characteristics of the tires on said vehicle from said vehicle, said data being routed to said display so that either the operational characteristics of the tires on said vehicle or whether attention needs to be directed to the tires on said vehicle may be shown on said display.

110. (New) Apparatus of claim 109, wherein said initiating means begins its operation when said vehicle is within a given distance from said fuel pump or when it receives an activation signal from said vehicle.

111. (New) Apparatus of claim 109, further comprising:
air supply means for supplying air to the tires of vehicles;
wherein said display is mounted to said air supply means.

112. (New) System for displaying the operational status of at least one tire of a vehicle when said vehicle moves proximate to a vehicle depot, comprising:

sensor means at or proximate to the tires of said vehicle for monitoring the operational status of the tires;

communications means at at least one of the tires and/or at said vehicle for transmitting data relating to the operational status of the tires;

at least one display located at said vehicle depot readily viewable by the driver of said vehicle and/or an attendant of said vehicle depot;

transceiver means at said vehicle depot for receiving the transmitted data of the operational status of the tires from said communications means, said transceiver means relaying the received data to said display so that the data relating to the operational status of the tires of the vehicle is shown on said display.

113. (New) System of claim 112, further comprising:

an other transceiver means provided in said vehicle;

wherein the data from said communications means is first transmitted to said other transceiver means located at said vehicle, said other transceiver means forwarding the data to said transceiver means at said fuel depot.

114. (New) In combination,

a vehicle comprising

sensor means at or proximate to the tires of said vehicle for monitoring the operational characteristics of the tires; and

communications means at at least one of the tires and/or at said vehicle for transmitting data relating to the operational characteristics of the tires;

at least one display means located away from said vehicle;

transceiver means for receiving the transmitted data of the operational characteristics of the tires from said communications means, said transceiver means relaying the received data to said display means so that either the operational characteristics of the tires or data relating to the operational characteristics of the tires of the vehicle is shown on said display means and be viewable by at least the operator of said vehicle when said vehicle is within a predetermined distance from said display means.

115. (New) Combination of claim 114, wherein said display means is located along the side of a road.

116. (New) Combination of claim 114, wherein said vehicle further comprises means for initiating the transmission of data from said communications means to said transceiver means.

117. (New) Combination of claim 114, further comprising monitor means to monitor the approach of vehicles that are equipped with communications means activated for transmitting data relating to the operational characteristics of the tires of the vehicles wherein the communications means are mounted, said monitor means further prompting said transceiver means to send out a query to an approaching vehicle to request that the operational characteristics of the tires of the vehicle be sent thereto for displaying on said display means.

118. (New) Combination of claim 114, wherein said vehicle further comprises another display means for displaying the operational characteristics of the tires of said vehicle.

119. (New) Combination of claim 114, wherein said display means is located at a site to which said vehicle is within sufficient proximity to enable said transceiver means to receive data from said communications means of said vehicle.